

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 – 6 Canceled

7. (Currently amended) A method, ~~comprising: as in claim 6;~~
~~determining an ordered set of SPS satellites in view of a location of a cell of a~~
~~cellular communication system at a given time, wherein an order of SPS satellites in the~~
ordered set is determined in a manner selected from the group consisting of,
minimizing a geometric dilution of precision (GDOP),
minimizing a position dilution of precision (PDOP),
minimizing a horizontal dilution of precision (HDOP),
providing a position solution which uses SPS satellites having a desired geometry
relative to one another,
providing a position solution which uses SPS satellites having a desired geometry
relative to the mobile SPS receiver,
determining a probability of SPS satellite signal acquisition,
determining an estimate of measurement quality from the ordered set of SPS
satellites,
providing an optimal geometric trilateration solution, and
determining a user defined selection criteria; and
wherein a mobile SPS receiver located within the cell of the cellular
communication system may receive the ordered set of SPS satellites, ~~and;~~
~~transmitting the ordered set of SPS satellites.~~

8. Canceled

9. (Original) A method, as in claim 7, wherein said determining is done according to a *Best-n* method and said determining further comprises determining satellite health information.

10. Canceled

11. Canceled

12. (Currently amended) A method, ~~comprising: as in claim 11;~~
receiving a transmission from a mobile satellite positioning system (SPS) receiver within a cell of a cellular communication system, the mobile SPS receiver being configured to transmit and receive cellular signals;
determining an ordered set of SPS satellites in view of the mobile SPS receiver, at a given time, based in part on said receiving, wherein an order of SPS satellites in the ordered set is determined in a manner selected from the group consisting of,
 minimizing a geometric dilution of precision (GDOP),
 minimizing a position dilution of precision (PDOP),
 minimizing a horizontal dilution of precision (HDOP),
 providing a position solution which uses SPS satellites having a desired geometry relative to one another,
 providing a position solution which uses SPS satellites having a desired geometry relative to the mobile SPS receiver,
 determining a probability of SPS satellite signal acquisition,
 determining an estimate of measurement quality from the ordered set of SPS satellites,

providing an optimal geometric trilateration solution, and
determining a user defined selection criteria, and
transmitting the ordered set of SPS satellites;
such that the mobile SPS receiver may receive the ordered set of SPS satellites.

13. Canceled

14. (Original) A method, as in claim 12, wherein said determining is done according to a *Best-n* method and said determining further comprises determining satellite health information.

15 – 25 Canceled

26. (Currently amended) A computer readable medium containing executable computer program instructions which, when executed by a data processing system, cause the data processing system to perform a method comprising: , as in claim 25,
determining an ordered set of satellite positioning system (SPS) satellites in view of a location of a cell of a cellular communication system at a given time, wherein an order of SPS satellites in the ordered set is determined in a manner selected from the group consisting of,

minimizing a geometric dilution of precision (GDOP),

minimizing a position dilution of precision (PDOP),

minimizing a horizontal dilution of precision (HDOP),

providing a position solution which uses SPS satellites having a desired geometry relative to one another,

providing a position solution which uses SPS satellites having a desired geometry relative to the mobile SPS receiver,

determining a probability of SPS satellite signal acquisition,
determining an estimate of measurement quality from the ordered set of SPS
satellites,
providing an optimal geometric trilateration solution, and
determining a user defined selection criteria; and
transmitting the ordered set of SPS satellites.

27. Canceled

28. (Original) A computer readable medium, as in claim 26, wherein said determining is done according to a *Best-n* method and said determining further comprises determining satellite health information.

29 – 33 Canceled